



P.B.5818 - Patentlaan 2
2280 HV Rijswijk (ZH)
☎ +31 70 340 2040
TX 31651 epo nl
FAX +31 70 340 3016

**Europäisches
Patentamt**

Zweigstelle
in Den Haag
Recherchen-
abteilung

**European
Patent Office**

Branch at
The Hague
Search
division

**Office européen
des brevets**

Département à
La Haye
Division de la
recherche

Seeger, Wolfgang, Dipl.-Phys.
Georg-Hager-Strasse 40
81369 München
ALLEMAGNE

Patentanwälte Seeger & Seeger
Eingegangen/Received

18. März 2004

Frist:

Datum/Date

18.03.04

Zeichen/Ref./Réf.

167PAT26-A1-EP

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.

03005705.3-2211-

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire

FUJITSU LIMITED

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: NONE

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	EP 0 485 110 A (ARRAY TECHNOLOGY CORP) 13 May 1992 (1992-05-13) * column 5, line 35 - column 6, line 26; figures *	1,3	G06F3/06
A	PATENT ABSTRACTS OF JAPAN vol. 0100, no. 64 (P-436), 14 March 1986 (1986-03-14) & JP 60 205641 A (FUJITSU KK), 17 October 1985 (1985-10-17) * abstract *	1,3	
A	PATENT ABSTRACTS OF JAPAN vol. 0160, no. 56 (P-1310), 12 February 1992 (1992-02-12) & JP 3 253933 A (FUJITSU LTD), 13 November 1991 (1991-11-13) * abstract *	1-4	
A	PATENT ABSTRACTS OF JAPAN vol. 0185, no. 36 (P-1811), 12 October 1994 (1994-10-12) & JP 6 187101 A (HITACHI LTD), 8 July 1994 (1994-07-08) * abstract * & US 5 636 356 A (KAGIMASA TOYOHICO ET AL) 3 June 1997 (1997-06-03) * column 5, line 63 - column 6, line 9; figures 1,4,6 * * column 10, line 5 - line 33 *	1,3	TECHNICAL FIELDS SEARCHED (Int.Cl.7) G06F
A	PATENT ABSTRACTS OF JAPAN vol. 016, no. 042 (P-1306), 31 January 1992 (1992-01-31) & JP 03 246713 A (HITACHI LTD), 5 November 1991 (1991-11-05) * abstract *	1,3	
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 11 March 2004	Examiner Moens, R
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

1
EPO FORM 1503 03.82 (P04C01)



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	& US 5 680 574 A (YAMAMOTO ET AL) 21 October 1997 (1997-10-21) ----- US 5 568 629 A (GENTRY TIMOTHY W ET AL) 22 October 1996 (1996-10-22) * abstract * -----	1,3	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 11 March 2004	Examiner Moens, R
<div>CATEGORY OF CITED DOCUMENTS</div> <div><div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div><div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document</div></div>			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 00 5705

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

11-03-2004

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 0485110	A	13-05-1992	AU	8683991 A	14-05-1992
			CA	2054794 A1	10-05-1992
			DE	69131551 D1	30-09-1999
			DE	69131551 T2	17-02-2000
			EP	0485110 A2	13-05-1992
			JP	3304115 B2	22-07-2002
			JP	5197498 A	06-08-1993
			US	6154854 A	28-11-2000
			US	5519844 A	21-05-1996
			US	5708769 A	13-01-1998
JP 60205641	A	17-10-1985	JP	1743945 C	15-03-1993
			JP	4036412 B	16-06-1992
JP 3253933	A	13-11-1991	NONE		
JP 6187101	A	08-07-1994	JP	2000148403 A	30-05-2000
			JP	2004046864 A	12-02-2004
			US	5636356 A	03-06-1997
US 5636356	A	03-06-1997	JP	6187101 A	08-07-1994
			JP	2000148403 A	30-05-2000
			JP	2004046864 A	12-02-2004
JP 03246713	A	05-11-1991	JP	2875325 B2	31-03-1999
			US	6108750 A	22-08-2000
			US	5680574 A	21-10-1997
			US	6631443 B1	07-10-2003
			US	2004030829 A1	12-02-2004
			US	2001023463 A1	20-09-2001
			US	5835938 A	10-11-1998
US 5680574	A	21-10-1997	JP	2875325 B2	31-03-1999
			JP	3246713 A	05-11-1991
			US	6108750 A	22-08-2000
			US	6631443 B1	07-10-2003
			US	2004030829 A1	12-02-2004
			US	2001023463 A1	20-09-2001
US 5568629	A	22-10-1996	JP	3160106 B2	23-04-2001
			JP	5257611 A	08-10-1993